NC/QC/YD/2019-20/W4-SS-S1

Date: 07-11-2019

1. TEST REPORT ON REINFORCEMENT STEEL:

Sub: Testing of Reinforcement Steel of diameter 8, 10 and 12mm **TMT Steel.**
{Project*: Improvements to roads and drains at SC/ST Area in ward no -04.}
Ref.: Material testing/PMC/19-20,
Report Required for: Assistant Executive Engineer,
Yelahanka Satellite Town Sub Division,
BBMP, Bangalore.
Name of the Agency/Contractor*: M/s KRIDL, Bangalore.

TABLE – 1

SL No	Details	For 8 mm		For 10 mm	
		Test Results	Min Req as per IS 1786-2008	Test Results	Min Req. as per IS 1786-2008
01	Observed diameter of bar	**8.0 mm**	8.0 mm	**10.0 mm**	10.0 mm
02	Observed Wt/m Length **Kg/m**	**0.395**	0.363	**0.620**	0.567
03	Proof stress/Yield stress, fy , **N/mm²**	**560.0**	500.0	**539.0**	500.0
04	Bend/ Re bend Test	**Ok**	---	**Ok**	---
05	Percentage of Elongation, %	**19.50**	16.00	**20.10**	12.00
06	Ultimate Tensile Strength **N/mm²**	**638.0**	565.0	**632.0**	545.0

Note: The above tested Sample Satisfies the requirement of IS:1786-2008

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ಬಿ.ಬಿ.ಎಂ.ಪಿ. ಬೆಂಗಳೂರು-106

NEWZEN CONSULTANT BANGALORE, #13,10TH MAIN ROAD 2ND CROSS JNANAJYOTHI NAGARA,
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Date: 07-11-2019

TABLE – 2

SL No	Details	For 12 mm	
		Test Results	Min Req. as per IS 1786-2008
01	Observed diameter of bar	**12.0 mm**	12.0 mm
02	Observed Wt/m Length **Kg/m**	**0.894**	0.834
03	Proof stress/Yield stress, fy , **N/mm²**	**549.0**	500.0
04	Bend/ Re bend Test	**Ok**	---
05	Percentage of Elongation, %	**21.80**	12.00
06	Ultimate Tensile Strength **N/mm²**	**636.0**	545.0

Note:- The above tested sample is satisfies the requirement of IS.1786-2008

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BLE, (Civil-Engg)

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NC/QC/YD/2019-20/W4-SS-CB1 Date: 18-11-2019

1. TEST REPORT ON CEMENT CONCRETE CUBES:

Sub: Testing of Concrete Cubes (for 07days Compressive Strength).
{Project*: Improvements to roads and drains at SC/ST Area in ward no -04.}
Ref.: Material testing/PMC/19-20,
Report Required for: Assistant Executive Engineer,
Yelahanka Satellite Town Sub Division,
BBMP, Bangalore.
Name of the Agency/Contractor*: M/s KRIDL, Bangalore.

RESULTS OF COMPRESSIVE STRENGTH ON CEMENT CONCRETE

CUBE SPECIMENS

Dimensions of Specimen : 150 X 150 X 150mm
Grade of Concrete* : M_{20}

TABLE 1.1:

Sl No	Location/ Identification*	Date of Casting*	Date of Testing	Age in Days	C/S Area in mm^2	Maximum Load in K.N	Compressive Strength (N/mm^2)	Avg. Value
1	001	11-11-19	18-11-19	07	22500	390	17.33	17.56
	002	"	"	"	"	410	18.22	
	003	"	"	"	"	385	17.11	

NOTE:- The above tested sample satisfies the requirement of IS:516, 1959

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NC/QC/YD/2019-20/W4-SS-CB2 Date: 20-11-2019

1. TEST REPORT ON CEMENT CONCRETE CUBES:

Sub: Testing of Concrete Cubes (for 07days Compressive Strength).
{Project*: Improvements to roads and drains at SC/ST Area in ward no -04.}
Ref.: Material testing/PMC/19-20,
Report Required for: Assistant Executive Engineer,
Yelahanka Satellite Town Sub Division,
BBMP, Bangalore.
Name of the Agency/Contractor*: M/s KRIDL, Bangalore.

RESULTS OF COMPRESSIVE STRENGTH ON CEMENT CONCRETE CUBE SPECIMENS

Dimensions of Specimen : 150 X 150 X 150mm
Grade of Concrete* : M_{20}

TABLE 1.1:

Sl No	Location/ Identification*	Date of Casting*	Date of Testing	Age in Days	C/S Area in mm^2	Maximum Load in K.N	Compressive Strength (N/mm^2)	Avg. Value
1	001	13-11-19	20-11-19	07	22500	380	16.89	17.41
	002	"	"	"	"	405	18.00	
	003	"	"	"	"	390	17.33	

Note:- The tested sample satisfies the requirement of IS:383-2007

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NC/QC/YD/2019-20/W4-SS-CB3 Date: 21-11-2019

1. TEST REPORT ON CEMENT CONCRETE CUBES:

Sub: Testing of Concrete Cubes (for 07days Compressive Strength).
{Project*: Improvements to roads and drains at SC/ST Area in ward no -04.}
Ref.: Material testing/PMC/19-20,
Report Required for: Assistant Executive Engineer,
Yelahanka Satellite Town Sub Division,
BBMP, Bangalore.
Name of the Agency/Contractor*: M/s KRIDL, Bangalore.

RESULTS OF COMPRESSIVE STRENGTH ON CEMENT CONCRETE CUBE SPECIMENS

Dimensions of Specimen : 150 X 150 X 150mm
Grade of Concrete* : M_{20}

TABLE 1.1:

Sl No	Location/ Identification*	Date of Casting*	Date of Testing	Age in Days	C/S Area in mm^2	Maximum Load in K.N	Compressive Strength (N/mm^2)	Avg. Value
1	001	14-11-19	21-11-19	07	22500	375	16.67	16.67
	002	"	"	"	"	380	16.89	
	003	"	"	"	"	370	16.44	

Note:- The above tested sample satisfies the requirement of IS:383-2007

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NC/QC/YD/2019-20/W4-SS-CB4

Date: 10-12-2019

1. TEST REPORT ON CEMENT CONCRETE CUBES:

Sub: Testing of Concrete Cubes (for 07days Compressive Strength).
{Project*: Improvements to roads and drains at SC/ST Area in ward no -04.}
Ref.: Material testing/PMC/19-20,
Report Required for: Assistant Executive Engineer,
Yelahanka Satellite Town Sub Division,
BBMP, Bangalore.
Name of the Agency/Contractor*: M/s KRIDL, Bangalore.

RESULTS OF COMPRESSIVE STRENGTH ON CEMENT CONCRETE CUBE SPECIMENS

Dimensions of Specimen : 150 X 150 X 150mm
Grade of Concrete* : M_{30}

TABLE 1.1:

Sl No	Location/ Identification*	Date of Casting*	Date of Testing	Age in Days	C/S Area in mm^2	Maximum Load in K.N	Compressive Strength (N/mm^2)	Avg. Value
1	001	03-12-19	10-12-19	07	22500	540	24.00	24.15
	002	"	"	"	"	555	24.67	
	003	"	"	"	"	535	23.78	

Note:- The above tested Sample Satisfies the Requirement of IS: 516, 1959

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NC/QC/YD/2019-20/W4-SS-CB5

Date: 12-12-2019

1. TEST REPORT ON CEMENT CONCRETE CUBES:

Sub: Testing of Concrete Cubes (for 07days Compressive Strength).
{Project*: Improvements to roads and drains at SC/ST Area in ward no -04.}
Ref.: Material testing/PMC/19-20,
Report Required for: Assistant Executive Engineer,
Yelahanka Satellite Town Sub Division,
BBMP, Bangalore.
Name of the Agency/Contractor*: M/s KRIDL, Bangalore.

RESULTS OF COMPRESSIVE STRENGTH ON CEMENT CONCRETE CUBE SPECIMENS

Dimensions of Specimen : 150 X 150 X 150mm
Grade of Concrete* : M_{30}

TABLE 1.1:

Sl No	Location/ Identification*	Date of Casting*	Date of Testing	Age in Days	C/S Area in mm^2	Maximum Load in K.N	Compressive Strength (N/mm^2)	Avg. Value
1	001	05-12-19	12-12-19	07	22500	545	24.22	23.85
	002	"	"	"	"	535	23.78	
	003	"	"	"	"	530	23.56	

Note:- The above tested sample satisfies the requirement of IS: 516, 1959

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NC/QC/YD/2019-20/W4-SS-CB6 Date: 14-12-2019

1. TEST REPORT ON CEMENT CONCRETE CUBES:

Sub: Testing of Concrete Cubes (for 07days Compressive Strength).
{Project*: Improvements to roads and drains at SC/ST Area in ward no -04.}
Ref.: Material testing/PMC/19-20,
Report Required for: Assistant Executive Engineer,
Yelahanka Satellite Town Sub Division,
BBMP, Bangalore.
Name of the Agency/Contractor*: M/s KRIDL, Bangalore.

RESULTS OF COMPRESSIVE STRENGTH ON CEMENT CONCRETE CUBE SPECIMENS

Dimensions of Specimen : 150 X 150 X 150mm
Grade of Concrete* : M_{30}

TABLE 1.1:

Sl No	Location/ Identification*	Date of Casting*	Date of Testing	Age in Days	C/S Area in mm^2	Maximum Load in K.N	Compressive Strength (N/mm^2)	Avg. Value
1	001	07-12-19	14-12-19	07	22500	540	24.00	24.37
	002	"	"	"	"	555	24.67	
	003	"	"	"	"	550	24.44	

Note:- The above tested sample satisfies the Requirement of IS:516, 1959

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NC/QC/YD/2019-20/W4-SS-CB7 Date: 18-12-2019

1. TEST REPORT ON CEMENT CONCRETE CUBES:

Sub: Testing of Concrete Cubes (for 07days Compressive Strength).
{Project*: Improvements to roads and drains at SC/ST Area in ward no -04.}
Ref.: Material testing/PMC/19-20.
Report Required for: Assistant Executive Engineer,
Yelahanka Satellite Town Sub Division,
BBMP, Bangalore.
Name of the Agency/Contractor*: M/s KRIDL, Bangalore.

RESULTS OF COMPRESSIVE STRENGTH ON CEMENT CONCRETE CUBE SPECIMENS

Dimensions of Specimen : 150 X 150 X 150mm
Grade of Concrete* : M_{30}

TABLE 1.1:

Sl No	Location/ Identification*	Date of Casting*	Date of Testing	Age in Days	C/S Area in mm^2	Maximum Load in K.N	Compressive Strength (N/mm^2)	Avg. Value
1	001	11-12-19	18-12-19	07	22500	535	23.78	24.07
	002	"	"	"	"	550	24.44	
	003	"	"	"	"	540	24.00	

Note:- The above tested Sample Satisfied the requirement of IS:516,1959

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NC/QC/YD/2019-20/W4-SS-CB8

Date: 20-12-2019

1. TEST REPORT ON CEMENT CONCRETE CUBES:

Sub: Testing of Concrete Cubes (for 07days Compressive Strength).
{Project*: Improvements to roads and drains at SC/ST Area in ward no -04.}
Ref.: Material testing/PMC/19-20,
Report Required for: Assistant Executive Engineer,
Yelahanka Satellite Town Sub Division,
BBMP, Bangalore.
Name of the Agency/Contractor*: M/s KRIDL, Bangalore.

RESULTS OF COMPRESSIVE STRENGTH ON CEMENT CONCRETE CUBE SPECIMENS

Dimensions of Specimen : 150 X 150 X 150mm
Grade of Concrete* : M_{30}

TABLE 1.1:

Sl No	Location/ Identification*	Date of Casting*	Date of Testing	Age in Days	C/S Area in mm^2	Maximum Load in K.N	Compressive Strength (N/mm^2)	Avg. Value
1	001	13-12-19	20-12-19	07	22500	540	24.00	**24.00**
	002	"	"	"	"	555	24.67	
	003	"	"	"	"	525	23.33	

Note:- The above tested sample satisfies the requirement of IS:516:1959

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NC/QC/YD/2019-20/W4-SS-CB9 Date: 23-12-2019

1. TEST REPORT ON CEMENT CONCRETE CUBES:

Sub: Testing of Concrete Cubes (for 07days Compressive Strength).
{Project*: Improvements to roads and drains at SC/ST Area in ward no -04.}
Ref.: Material testing/PMC/19-20,
Report Required for: Assistant Executive Engineer,
Yelahanka Satellite Town Sub Division,
BBMP, Bangalore.
Name of the Agency/Contractor*: M/s KRIDL, Bangalore.

RESULTS OF COMPRESSIVE STRENGTH ON CEMENT CONCRETE

CUBE SPECIMENS

Dimensions of Specimen : 150 X 150 X 150mm
Grade of Concrete* : M_{30}

TABLE 1.1:

Sl No	Location/ Identification*	Date of Casting*	Date of Testing	Age in Days	C/S Area in mm^2	Maximum Load in K.N	Compressive Strength (N/mm^2)	Avg. Value
1	001	16-12-19	23-12-19	07	22500	535	23.78	24.07
	002	"	"	"	"	545	24.22	
	003	"	"	"	"	545	24.22	

Note: the above tested Comp'g is Satisfies the requirement of IS:516-1959

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NC/QC/YD/2019-20/W4-SS-CB10 Date: 26-12-2019

1. TEST REPORT ON CEMENT CONCRETE CUBES:

Sub: Testing of Concrete Cubes (for 07days Compressive Strength).
{Project*: Improvements to roads and drains at SC/ST Area in ward no -04.}
Ref.: Material testing/PMC/19-20,
Report Required for: Assistant Executive Engineer,
Yelahanka Satellite Town Sub Division,
BBMP, Bangalore.
Name of the Agency/Contractor*: M/s KRIDL, Bangalore.

RESULTS OF COMPRESSIVE STRENGTH ON CEMENT CONCRETE

CUBE SPECIMENS

Dimensions of Specimen : 150 X 150 X 150mm

Grade of Concrete* : M_{30}

TABLE 1.1:

Sl No	Location/ Identification*	Date of Casting*	Date of Testing	Age in Days	C/S Area in mm^2	Maximum Load in K.N	Compressive Strength (N/mm^2)	Avg. Value
1	001	19-12-19	26-12-19	07	22500	550	24.44	24.37
	002	"	"	"	"	555	24.67	
	003	"	"	"	"	540	24.00	

NOTE: The above tested sample satisfies the requirement of IS:516:1959

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NC/QC/YD/2019-20/W4-SS-CB11 Date: 27-12-2019

1. TEST REPORT ON CEMENT CONCRETE CUBES:

Sub: Testing of Concrete Cubes (for 07days Compressive Strength).
{Project*: Improvements to roads and drains at SC/ST Area in ward no -04.}
Ref.: Material testing/PMC/19-20,
Report Required for: Assistant Executive Engineer,
Yelahanka Satellite Town Sub Division,
BBMP, Bangalore.
Name of the Agency/Contractor*: M/s KRIDL, Bangalore.

RESULTS OF COMPRESSIVE STRENGTH ON CEMENT CONCRETE

CUBE SPECIMENS

Dimensions of Specimen : 150 X 150 X 150mm
Grade of Concrete* : M_{30}

TABLE 1.1:

Sl No	Location/ Identification*	Date of Casting*	Date of Testing	Age in Days	C/S Area in mm^2	Maximum Load in K.N	Compressive Strength (N/mm^2)	Avg. Value
1	001	20-12-19	27-12-19	07	22500	545	24.22	**24.52**
	002	"	"	"	"	560	24.89	
	003	"	"	"	"	550	24.44	

Note: The above tested sample satisfied the requirement of IS: 516, 1959

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